

View Online at <https://aerobasegroup.com/nsn/5961-01-342-0758>

Inclosure Material:

Metal

Overall Length:

Between 0.975 inches and 1.218 inches

Function For Which Designed:

Switching

End Application:

Tactical air operations central an/tyq-2 (v) 1

Mounting Facility Quantity:

1

Internal Configuration:

Junction contact

Joint Electronic Device Engineering Council/jedec/case Outline Designation:

To-59

Mounting Method:

Threaded stud

Features Provided:

Hermetically sealed case and electrostatic sensitive

Overall Width Across Flats:

Between 0.424 inches and 0.437 inches

Thread Size:

0.190 inches

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

80.0 breakdown voltage, collector-to-emitter, base open

Current Rating Per Characteristic:

5.00 amperes source cutoff current

Power Rating Per Characteristic:

20.0 watts small-signal input power, common-collector absolute

Transfer Ratio:

50.0 static forward current transfer ratio, common-emitter and 150.0 static forward current transfer ratio, common-emitter

Maximum Operating Temperature Per Measurement Point:

175.0 degrees celsius junction

Special Features:

Junction pattern arrangement: npn

Thread Series Designator:

Unf

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A110a0